

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
 Data File : BG017772.D
 Acq On : 6 Jul 2015 13:33
 Operator : TP/UM
 Sample : SSTD04030
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD04030

Manual Integrations
 APPROVED

apatel
 7/7/2015 1:30:50 PM

Quant Time: Jul 06 14:28:42 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 06 14:09:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	82412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	382469	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	235606	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	514928	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	519809	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	499046	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	31221	14.90	ng/uL	0.00
5) Phenol-d5	6.78	99	289126	39.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	173388	38.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	233268	39.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	232940	39.40	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	113484	39.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	118983	40.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	220444	40.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	329105	45.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	615379	40.12	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	830080	39.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	132438	40.91	ng/ul	0.00
57) Fluorene-d10	15.26	176	620673	39.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	100010	38.76	ng/ul	0.00
70) Anthracene-d10	17.11	188	905170	38.56	ng/ul	0.00
78) Pyrene-d10	19.42	212	959798	37.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	868075	39.79	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.17	88	32201	13.48	ng/uL	95
4) Benzaldehyde	6.75	77	196355	46.68	ng/ul	97
6) Phenol	6.81	94	310906	39.93	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	228590	38.66	ng/ul	95
10) 2-Chlorophenol	7.17	128	228457	37.84	ng/ul	99
11) 2-Methylphenol	8.05	108	226603	39.12	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	345466	38.08	ng/ul	98
14) Acetophenone	8.42	105	345055	39.04	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	207335	37.81	ng/ul	96
16) 4-Methylphenol	8.38	108	254248	39.65	ng/ul	95
17) Hexachloroethane	8.67	117	97293	37.39	ng/ul	98
20) Nitrobenzene	8.80	77	290630	38.80	ng/ul	98
21) Isophorone	9.32	82	548817	39.85	ng/ul	97
23) 2-Nitrophenol	9.50	139	128931	39.50	ng/ul	99
24) 2,4-Dimethylphenol	9.57	107	279920	38.83	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.81	93	301701	37.87	ng/ul	94
27) 2,4-Dichlorophenol	10.03	162	215297	40.04	ng/ul	97
28) Naphthalene	10.43	128	757685	38.12	ng/ul	99
30) 4-Chloroaniline	10.55	127	323516	43.76	ng/ul	99
31) Hexachlorobutadiene	10.73	225	118258	39.37	ng/ul	93
32) Caprolactam	11.31	113	110358m	41.08	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	265154	40.05	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	544819	39.20	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	237858	39.72	ng/ul	93
37) Hexachlorocyclopentadiene	12.41	237	132800	40.53	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.68	196	160194	41.66	ng/ul	99
39) 2,4,5-Trichlorophenol	12.75	196	175931	40.38	ng/ul	96
40) 1,1'-Biphenyl	13.09	154	679452	38.83	ng/ul	99
41) 2-Chloronaphthalene	13.12	162	525486	38.95	ng/ul	98
42) 2-Nitroaniline	13.33	65	185780	39.16	ng/ul	93
44) Dimethylphthalate	13.72	163	673920	39.18	ng/ul	98
45) 2,6-Dinitrotoluene	13.84	165	145624	41.39	ng/ul	99
47) Acenaphthylene	13.97	152	889594	38.64	ng/ul	100
48) 3-Nitroaniline	14.17	138	173987	42.70	ng/ul	97
49) Acenaphthene	14.32	153	603940	38.85	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	54363	40.69	ng/ul	92
52) 4-Nitrophenol	14.48	109	108177	41.67	ng/ul	95
53) Dibenzofuran	14.66	168	807793	38.69	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	206640	41.87	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	149552	44.53	ng/ul	98
56) Diethylphthalate	15.10	149	742937	40.30	ng/ul	96
58) Fluorene	15.31	166	718975	39.74	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.31	204	332880	39.29	ng/ul	98
60) 4-Nitroaniline	15.34	138	192875	41.74	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.40	198	104151	38.22	ng/ul#	96
64) N-Nitrosodiphenylamine	15.53	169	607623	39.03	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	199499	39.46	ng/ul	96
66) Hexachlorobenzene	16.31	284	210493	38.68	ng/ul	90
67) Atrazine	16.49	200	228068	41.34	ng/ul	99
68) Pentachlorophenol	16.66	266	83114	41.65	ng/ul	96
69) Phenanthrene	17.05	178	1071663	38.23	ng/ul	98
71) Anthracene	17.14	178	1106203	38.40	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	237204	38.87	ng/uL	95
73) Pentachlorobenzene	14.58	250	239397	39.31	ng/uL	99
74) Carbazole	17.42	167	1029075	41.35	ng/ul	99
75) Di-n-butylphthalate	17.99	149	1311131	38.71	ng/ul	98
76) Fluoranthene	19.07	202	1174728	42.19	ng/ul	98
79) Pyrene	19.44	202	1208074	36.96	ng/ul	98
80) Butylbenzylphthalate	20.36	149	585838	39.32	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.13	252	385671	41.95	ng/ul	99
82) Benzo(a)anthracene	21.20	228	1091192	36.99	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	830898	39.25	ng/ul	96
84) Chrysene	21.25	228	1027963	37.01	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	1318581	42.66	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1065913	37.13	ng/ul	96
88) Benzo(k)fluoranthene	22.81	252	1077286	39.62	ng/ul	96
90) Benzo(a)pyrene	23.34	252	1058523	38.71	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.69	276	1157990	38.73	ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	979434	38.02	ng/ul	97
93) Benzo(g,h,i)perylene	26.38	276	968836	38.83	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

